



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management

Solid Waste Section

UNIT TYPE:

| | | | | | | | | | | | | |
|--------------|---|-----------------------|---|---------------|---|---------------------|--|---------|--|------|--|---|
| Lined MSWLF | | LCID | X | YW | X | Transfer | | Compost | | SLAS | | COUNTY: Cumberland PERMIT NO.: 26-08 FILE TYPE: COMPLIANCE |
| Closed MSWLF | | HHW | | White goods | | Incineration | | T&P | | FIRM | | |
| CDLF | X | Tire T&P / Collection | | Tire Monofill | | Industrial Landfill | | DEMO | | SDTF | | |

Date of Audit: January 29, 2009.Date of Last Audit: January 10, 2007**FACILITY NAME AND ADDRESS:**

Fort Bragg Construction and Demolition Landfill
Lamont Road

GPS COORDINATES: N: 35.1438 E: -79.07399**FACILITY CONTACT NAME AND PHONE NUMBER:**

Sid Williamson
910-396-3372

FACILITY CONTACT ADDRESS:

Department of the Army
Public Works Business Center
IMSE-BRG-PW, Mr. Gregory G. Bean
HQ, US Army Garrison, Fort Bragg
Installation Management Agency Command
Fort Bragg, NC 28310

AUDIT PARTICIPANTS:

Drew Hammonds, NCDENR – Solid Waste Section
Dennis Shackelford, NCDENR – Solid Waste Section
Wes Hare, NCDENR – Solid Waste Section
Sid Williamson, Ft. Bragg Solid Waste Manager
Dan Messier, Ft. Bragg Transfer Station Manager
Rick Akers, Roads and Equipment Branch Supervisor
David Heins, Ft. Bragg Sustainment Division Chief
Judith Hudson, Ft. Bragg Deputy Director of Public Works
Gregory Bean, Ft. Bragg Director of Public Works

STATUS OF PERMIT:

Permit issued January 27, 1998
Permit amended June 7, 1999
Permit to Operate Phase 1 issued November 9, 1999
Permit to Operate Phase 1 & 2 issued June 27, 2002
Permit to Operate Phase 1 & Construct Phase 2 issued July 13, 2007, Up for review July 13, 2012

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S):

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None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS:

None

AREAS OF CONCERN AND COMMENTS:

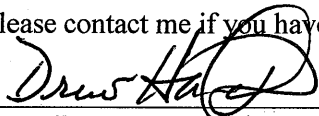
1. The permit and operations plans were reviewed. The information was complete and presented in an orderly manner.
2. The service area for the facility is Fort Bragg.
3. The hours of operation are 7:30am to 4:00pm Monday thru Friday
4. The signs at the facility entrance are according to permit.
5. The contingency plan was reviewed and was up to date and complete.
6. The C&D Landfill is receiving approximately 405 tons per day.
7. The waste screening records were reviewed. Screening minimum of one load per day. Identified unacceptable waste is being removed. Need to show final disposition of removed wastes on screening form.
8. Groundwater monitoring is required semi-annually. Records to show that the monitoring has been completed should be readily available during a comprehensive audit.
9. The wind blown was not being managed properly at the time of this audit. Wind blown waste was noted outside the footprint of the C&D Landfill along the Northern and Eastern Perimeters of the facility at the time of this audit. **15A NCAC 13b .0542 (g) (3): states that "Appropriate methods such as fencing and diking must be provided within the area to confine solid waste which is subject to be blown by the wind. At the conclusion of each operating day, all windblown material resulting from the operation must be collected and disposed of by the owner and operator."**
10. A Cover Material Log noting date and time of placement must be kept in accordance with **15A NCAC 13B .0542 (n) (1) (F).**
11. The C&D landfill staff is conducting waste screenings and removing unacceptable waste as soon as it is seen.
12. Liquid waste is prohibited from disposal in the C&D Landfill. The drillers mud observed during the audit might have failed the paint filter test for liquids. Alternative methods of disposal or handling prior to disposal in the C&D Landfill need to be considered and submitted to the Division for approval. It is recommended that a sample of this waste stream is collected and analyzed for proper characterization if you haven't already done so.
13. Surface water must not be impounded over or in waste. There were some areas where standing water was observed over the covered waste in the landfill during this audit. These areas should be graded to allow positive flow of water off the landfill and away from the operational areas. The control pits need to be covered as well.
14. The trained personnel are as follows:
Daniel Messier, Certified C&D Landfill Manager, expires October 17, 2010
Paul Knies, Certified Landfill Operator, expires September 21, 2009
Robert Anderson, Certified Landfill Operator, expires March 12, 2010
Rick Akers, Certified C&D Landfill Manager, expires October 17, 2010
15. There was some noticeable erosion occurring along the Northern portion of the landfill adjacent to the haul road that needs to be corrected.
16. The partially exposed concrete bunker doors need to be covered completely in accordance with the rules.
17. The stockpiled crossties near the entrance to the landfill need to be managed properly. I recommend that you remove and separate the good crossties that you plan on using and dispose of the remainder at a facility permitted to accept source separated material such as this.

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18. Painted block is not acceptable in the concrete stockpile area for crushing unless a waste determination has been performed to ensure that the paint on the blocks does not contain any lead prior to dumping it there. A waste determination must be performed on the painted block that was observed during this audit prior to crushing and using onsite or on Fort Bragg.
19. There were 13 loads of a mulch and soil blend to be spread out and used as a soil amendment stockpiled on the landfill. This material can not be stockpiled on the landfill. It must be spread out and used for its intended purpose as soon as practical. It was stated that the mulch was hauled and dumped with the intent to spread quickly but a series of rain events prevented this. Do not haul more mulch that you can comfortably and efficiently handle onto the landfill at one time.
20. There was source separated low carbon high nitrogen yard trash observed in the YW storage area. This material must be composted or disposed of at a facility permitted to accept this waste stream. The source separated yard trash cannot be mixed with typical yard waste for grinding into mulch. The composting of this material is necessary to ensure that pathogen reduction has been met before the material can be handled by landfill personnel or the general public. A temperature of 131 degrees Fahrenheit should be record consecutively for three days to meet the reduction.
21. Unacceptable or incidental waste must be removed from the concrete and yard waste areas as soon as they are noted and disposed of properly.
22. There was some noticeable erosion noted on the Northward facing slope of the LCID/YW area that needs to be repaired. It was also noted that vehicles have been driving on this slope as well. Measures to prevent unauthorized access to the landfill need to be implemented.
23. Corrective measures are necessary as a result of this audit.

Please contact me if you have any questions or concerns regarding this audit report.



Phone: 910-433-3351.

Drew Hammonds
Environmental Senior Specialist
Solid Waste Section
Regional Representative

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| Delivered on : <u>February 23, 2009</u> by | | hand delivery | <input checked="" type="checkbox"/> | US Mail | | Certified No. |
|--|--|---------------|-------------------------------------|---------|--|---------------|

Cc: Mark Poindexter, Field Operations Branch Head
Dennis Shackelford, Eastern District Supervisor
Donald Herndon, Compliance Officer
Wes Hare, Solid Waste Section
Sid Williamson, Ft. Bragg Solid Waste / Recycling Manager

